

# INFORMATION DISCLOSURE CITATION

PTO-1449

 ATTY. DOCKET NO.  
A-66828-2/DJB/RMS/DCF

 SERIAL NO.  
09/344,526

 APPLICANT  
Chee et al.

 FILING DATE  
June 24, 1999

 GROUP  
1631

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AM	1	5,639,603	06/1997	Dower et al.	435	6	
	2	5,840,256	11/1998	Demers et al.	422	102	
	3	5,854,684	12/1998	Stabile et al.	356	440	
	4	4,200,110	4/1980	Peterson et al.	128	634	
	5	4,499,052	2/1985	Fulwyler	422	52	
	6	4,682,895	7/1987	Costello	356	402	
	7	4,785,814	11/1988	Kane	128	634	
	8	4,824,789	4/1989	Yafuso et al.	436	68	
	9	4,999,306	3/1991	Yafuso et al.	436	68	
	10	5,302,509	4/1994	Cheessman	435	6	

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
AM	11	96/03212	2/1996	PCT				
	12	98/50782	11/1998	PCT				
	13	99/18434	4/1999	PCT				
	14	99/67414	12/1999	PCT				
	15	97/14928	4/1997	PCT				
	16	98/50782	11/1998	PCT				
	17	99/60170	11/1999	PCT				
	18	00/13004	3/2000	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER



DATE CONSIDERED

2/23/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8085 1449A FRM (8/95)

# INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.  
A-66828-2/DJB/RMS/DCF

SERIAL NO.  
09/344,526

APPLICANT  
Chee et al.

FILING DATE  
June 24, 1999

GROUP  
1631

TECH CENTER 1600/290

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AM	19	5,357,590	10/1994	Auracher	385	33	
	20	5,435,724	7/1995	Goodman et al.	433	215	
	21	5,481,629	1/1996	Tabuchi	385	14	
	22	5,575,849	11/1996	Honda et al.	118	44	
	23	5,656,241	8/1997	Seifert et al.	422	82.06	
	24	5,814,524	9/1998	Walt et al.	436	518	
	25	6,023,540	2/2000	Walt et al.	385	12	

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
AM	26	00/16101	3/2000	PCT				
AM	27	00/48000	8/2000	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*Adam Mansley*

DATE CONSIDERED

2/23/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 085 1449A.FRM (8/95)

# INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.  
A-66828-2/DJB/RMS/DCF

SERIAL NO.  
09/344,526

APPLICANT  
Chee et al.

FILING DATE  
June 24, 1999

GROUP  
1631

RECEIVED  
SHEET 3 of 4

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	28	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bang Laboratories, (Fishers, IN) February 1997.
	29	Anonymous, "Microsphere Selection Guide," Bang Laboratories, (Fisher, IN) September 1998.
	30	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996
	31	Mignani, et al., "In-Vivo Biomedical Monitoring by Fiber-Optic Systems," Journal of Lightwave Technology, 13(7): 1396-1406 (1995).
	32	Peterson, J. et al., "Fiber Optic pH Probe for Physiological Use," Anal. Chem., 52:864-869 (1980).
	33	Pope, E. "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres," SPIE, 2388:245-256 (1995).
	34	Strachan et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and its Application to the Detection of Listeria," Letters in Applied Microbiology, 21:5-9 (1995).
	35	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).
	36	Piunno et al., "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination," Anal. Chem., 67:2635-2643 (1995).
	37	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338-340 (September 1991).
	38	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987).
	39	Healey et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," Analytical Biochemistry, 251:270-279 (1997).
	40	Hirschfeld et al., "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5(7):1027-1033 (1987).
	41	Peterson et al., "Fiber-Optic Sensors for Biomedical Applications," Science, 13:123-127 (1984).
	42	Czarnik, A. "Illuminating the SNP Genomic Code," Modern Drug Discovery, 49-55 (Nov/Dec. 1998)
	43	Walt, D. "Fiber Optic Imaging Sensors," Acc. Chem. Res. 31:267-278 (1998).
	44	Chen et al., "A Microsphere-Based Assay for Multiplexed Single Nucleotide Polymorphism Analysis Using Single Base Chain Extension," Genome Research, 10(4):549-557 (2000).
	45	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996).
	46	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995).
	47	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE Proc. 2388:568-573 (1995).
	48	Iannone et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," Cytometry, 39:131-140 (2000).
	49	<del>Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270: 34-41 (1998).</del> <i>degal</i>
AM	50	Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70(7): 1242-1248 (April 1998).

EXAMINER

*John M. M...*

DATE CONSIDERED

*2/23/01*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**CITATION**  
**CANCELLED**  
PTO-1449

SERIAL NO.  
09/344,526

FILING DATE  
June 24, 1999

GROUP  
1631[illegible][illegible]

Am	3	Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270 34-41 (1998).

Aedin Manschet

2/23/01

1038163